



www.nuwaveoven.com  
www.nuwaveoven.net



**FOR HOUSEHOLD USE ONLY**

Protected under U.S. Patents : 6,201,217; 6,617,554; 6,917,017; 6,936,795; D487,670; D490,648.

International Patents Pending: pct/us 02/03903; pct/us 03/16833; 2003-530116; 02768913.2.

Other U.S. and other International Patents Pending

Model 20008 : 120V/60Hz, 1225W

Models 20201~20204, 20301~20304 : 120V/60Hz, 1500Watts  
20221~20299, 20321~20399

Models 20205~20210, 20305~20310 : 230V/50Hz, 1500Watts

Models 20213, 20214, 20313, 20314 : 220V/60Hz, 1500Watts

Manufactured by Hearthware Home Products, Inc.  
880 Lakeside Dr., Gurnee, IL 60031, U.S.A.

 [www.hearthware.com](http://www.hearthware.com)

1-847-775-8123 (USA)  
1-888-NUWAVE1(689-2831)

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HW 03/07



# Owner's Manual

## Care & Use Guide



 **HEARTHWARE**

IRC-01

# IMPORTANT SAFEGUARDS

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following:

## READ ALL INSTRUCTIONS BEFORE USING

### DANGER – To reduce the risk of electrocution:

1. Read all instructions, safeguards, and warnings before using the appliance.
2. Do not place appliance where it can fall or be pulled into water or other liquids.
3. Do not reach for an appliance that has fallen into water. Unplug immediately!
4. Do not immerse cord, plug, or power head in water or other liquids.

### WARNING – To reduce the risk of burns, electrocution, fire, or injury :

1. This appliance should not be used by children. Close supervision is necessary when this product is used near children.
2. Use this appliance for its intended purpose as described in this brochure. Do not use any other accessories or attachments not recommended by the manufacturer. They may result in fire, electrical shock, or personal injury.
3. Never operate this appliance if it has a damaged cord or plug; not working properly; has been dropped or damaged; or dropped into water. Return the appliance to an authorized customer service center for inspection, repair, or adjustment.
4. Keep the cord away from heated surfaces.
5. Always unplug power cord by pulling on the plug. DO NOT unplug by pulling on cord.
6. Never force the plug into an outlet.
7. Do not operate outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
8. Do not let the cord hang over the edge of the table or counter.
9. Do not place on or near a hot gas or electric burner or in a heated oven.
10. Do not move the appliance while it contains hot food. Use extreme caution when removing hot liner pan or cooking rack.
11. Before removing plug from wall, turn the unit off first.
12. Do not use this appliance for anything other than it is intended.
13. Check all electrical wiring. Beware of damaged cord or plug.
14. This appliance is for household use only; it is designed to process normal household quantities. It is not suitable for continuous or commercial operation.
15. Do not disassemble the product. There are no user serviceable parts.

16. Do not leave the appliance unattended while in use.
17. Use the handles when lifting the dome from the base.
18. Do not touch hot surfaces. Use the handles provided or use oven mitts.
19. Stop or pause cooking before removing the dome to check or turn food. The dome and power head should be placed on the dome holder.
20. Always remove the dome away from you so the escaping steam is channeled away from your face.
21. If the power cord is damaged, it should be replaced by a special cord or assembly from the manufacturer or its service agent.
22. Use caution when disposing of hot grease.
23. Keep this manual handy for easy future reference.

## SAVE THESE INSTRUCTIONS

### Electrical Information

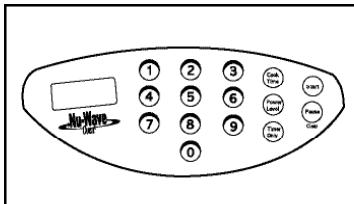
The cord length of this appliance was selected to reduce Safety Hazards that may occur with a long cord. Extension cords are available and may be used if care is exercised in their use. If an extension cord is used: (1) the marked electrical rating of the extension cord should be at least as great as the electrical rating of the appliance, and (2) the longer cord should be arranged so that it does not drape over the counter or table top where it could be accidentally pulled off the counter or table or tripped over.

Certain models of the appliance may have a polarized plug (one blade is wider than the other). This plug is intended to fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit properly, contact a qualified electrician. Do not attempt to modify the plug in any way.

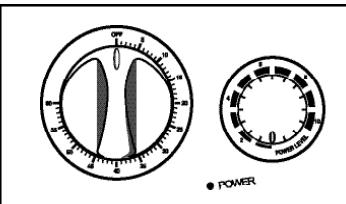
	<h3>WARNING</h3> <p>Electric shock hazard. Use with adequate electrical system. Do not use if cord or plug is damaged.</p> <p><b>WARNING:</b> All metal items in the oven, such as the liner pan and cooking rack can get very hot during cooking. Please be careful when removing these items from a hot oven. Always wear oven mitts or use pot holders. Allow liner pan and cooking rack to cool completely before cleaning. The dome opening may expand slightly when hot. In rare instances, the power head could detach itself from the dome completely thereby causing hot air to escape from between the dome and the power head.</p>
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# PARTS/ASSEMBLY DIAGRAM

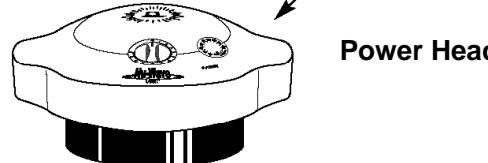
**Digital Control Panel**  
Nu-Wave Deluxe / Digital



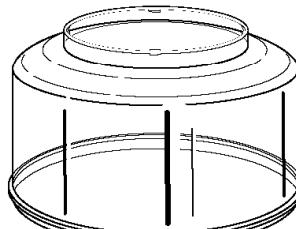
**Manual Control Dials**  
Nu-Wave Oven



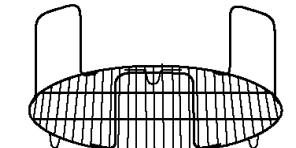
**Handles**



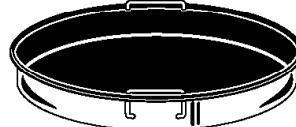
**Transparent Dome**



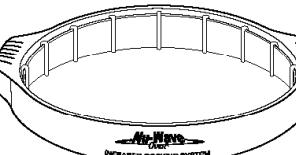
**Cooking Rack  
(1" or 4"  
Height)**



**Liner Pan**



**Dome  
Holder**



**Base**

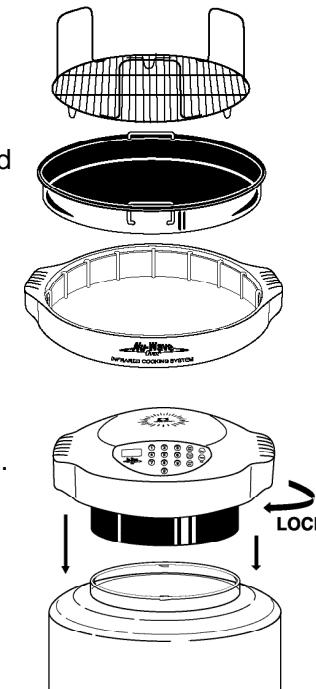
## Before Using

- Before using, wash dome, liner pan, base, and cooking rack in warm soapy water or clean in the dishwasher.
- **IMPORTANT : DO NOT WASH OR IMMERSE POWER HEAD IN WATER OR IN DISHWASHER. THE OUTER SURFACE CAN BE CLEANED BY WIPING CAREFULLY WITH A DAMP DISHCLOTH OR SPONGE.**



## Assembly

- Place base on a firm stable surface.
- Place liner pan inside base. When placing liner pan inside the base, make sure the handles are positioned at the dropped down position. If the handles are not fully dropped down, the dome may not fit over the base properly. (see illustration on pg.6).
- Place dual level cooking rack on the liner pan according to cooking requirements.
- Place food on the cooking rack.
- Place dome over food and on to base. The dome should fit on to the base evenly.
- Place power head into the rim of the dome and lock it into place by rotating the power head clockwise until the locking lugs are engaged.
- Set cook time and power level according to cooking requirements.



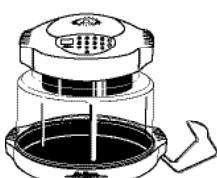
## General Use Instructions

- Make sure the unit is safely plugged into a properly grounded outlet and that the cord is not touching any hot object.
- Make sure that the liner pan has been placed within the base.
- Do not place the liner pan directly onto a stove burner or direct heat source. Damage may result.
- Metal or glass dishes, pans, and foil or anything used in a regular oven may be safely used within the Nu-Wave Oven.

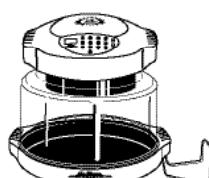
## How to Open Power Head and Dome Assembly

Make sure the power head is tightly locked on to the dome, then the whole assembly can be easily lifted and put aside as shown in steps 1, 2 and 3.

Place dome holder under either side of base handle. Make sure both feet of the dome holder are placed inside the handle, and the dome holder is resting horizontally on a flat surface. Then the assembled power head and dome can be placed on the dome holder as shown in step 3.



Step. 1



Step. 2



Step. 3

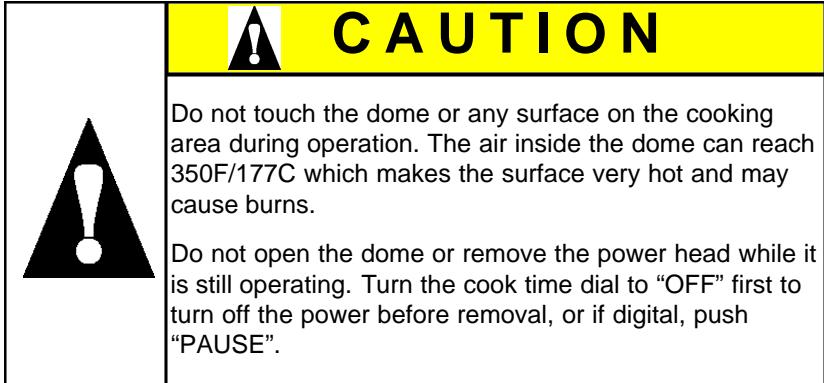
## Cooking Instructions

Lift dome only by the handles on the power head. Once the power head and the dome is assembled, the handles of the power head will allow you to lift both together when removing or checking food. When removing liner pan while it is still hot, be extremely careful and always use oven mitts. The retractable handles are provided for this purpose. For best results, follow the time, power, and cooking rack height instructions given in the cooking chart and the recipe book. **No preheating required.**



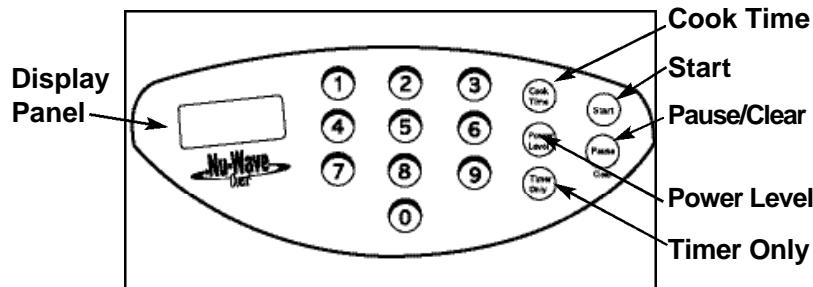
**NOTE:** Nu-Wave Oven uses lower cooking temperatures to prevent burning of the foods while promoting faster cooking.  
The following is the relation between the power level and the inside temperature for your reference :

Power Level	Oven temperature
10(HI)	350 °F / 177 °C
9	325 °F / 163 °C
8	300 °F / 149 °C
7	275 °F / 135 °C
6	250 °F / 120 °C
5	225 °F / 106 °C
4	200 °F / 92 °C
3	175 °F / 78 °C
2	150 °F / 64 °C
1	125 °F / 50 °C



## DIRECTIONS FOR DIGITAL NU-WAVE OVENS

### Nu-Wave Deluxe / Digital



### EASY START

To start cooking, press COOK TIME button, enter time required, press START. If cooking at any other power level other than HI(10), Power Level button will be needed. **For More Complete directions, see below:**

**CONTROL PANEL ON POWER HEAD** - "0" should appear in window when program is clear

### SETTING COOK TIME

Press the COOK TIME Button. The MIN indicator will flash in the lower right corner of the display panel. Enter the required time in hours and minutes by pressing the corresponding numerals. For example, 1 hour and 30 minutes would be entered by pressing 130. The display panel will show 1:30. If required time is in minutes, you only need to enter 1 or 2 numbers. For example, 5 minutes just push #5; 46 minutes, push 46. If the number needs to be corrected, clear the entry by pressing pause/clear button twice. Then reenter the correct numbers.

### SETTING POWER LEVEL

- Press the POWER LEVEL button.
- The default "HI" setting is indicated in the display panel (power level 10)
- PWR indicator flashes in the display panel. To override the default and change the power level, just press the desired cooking power: 1(10% power) to 9(90% power). The power is entered as a single digit like 9 or 3. To reset to HI, press 0.
- Verify the correct power setting on the control panel.
- If power setting needs to be corrected, reenter the required number.
- To check power level during cooking, press POWER once and setting will appear on the display panel for a few seconds. Remaining cooking time will then reappear.

**NOTE :** **Maximum** allowed cook time for **HI power is 2 hours**. If cooking time is set to more than that, it will automatically revert back to 2:00 hours. Simply add more time after the initial 2 hours has expired. For **lower power settings**, maximum allowed time is **9 hours 99 minutes**.

### START COOKING

Press START to begin cooking. The remaining cooking time will appear in the display panel and the colon between the hours and minutes will blink ON and OFF. The oven will automatically stop cooking when the time has expired and will **beep** to alert you that it has stopped.

### PAUSE/CLEAR COOKING

To PAUSE the cooking time, press the Pause/Clear button one more time. The remaining cooking time will stay in the display panel but the colon will not be blinking.

To CLEAR the cooking time, press the Pause/Clear button twice. The remaining cook time will be fully cleared and a "0" will appear.

### TIMER FUNCTION

Models #20301 and #20008 are equipped with a **TIMER ONLY** button. This can be used as a timer for other kitchen uses but **only when the unit is not cooking**.

To activate the timer function, make sure program is clear (pause/clear button). Press TIMER button and a flashing bell will appear in the right corner of the display panel. Enter the required time in minutes or hours. Press START. Alarm will beep when time has expired.

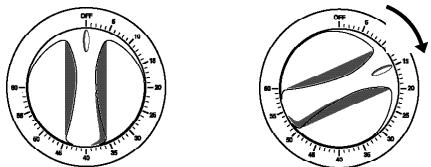
## Directions for Nu-Wave Oven Manual Control Dials

### Setting Cooking Time

Cook time dial is located on the front of the power head. You can turn the cook time dial to the desired cooking time. The power indicator light will come on. As time lapses, the dial will return to "OFF" position. The maximum cooking time is one hour.

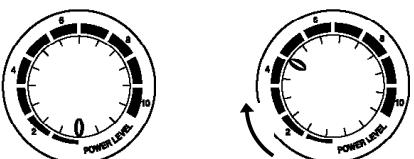
During cooking, you can add or reduce the cooking time by turning the cook time dial. Same as with all mechanical timers, for accuracy, **turn the cook time dial past the desired time, then turn it back to the desired setting**. For example: If the desired time setting is 5 minutes, then turn the cook time dial to 10 minutes, then turn back to 5.

**Important :** For U.S.A. models, before checking or removing food, turn the cook time dial to "OFF" to turn off the heating power. **DO NOT OPEN OR REMOVE POWER HEAD WHILE IT IS STILL OPERATING.**



### Setting Cooking Power Level

- Power level dial is located on the front of the power head.
- Turn the power level dial to the desired power setting, from 1 to 10(HI).
- You can adjust the power higher or lower during cooking.



### To Start Cooking

Set the cook time dial to desired setting.. (As with any timer, you may want to turn the dial past the desired time and then turn back to desired setting).

### To Pause / End Cooking

Turn the cook time dial to "OFF", bell rings, and cooking stops.

### Note

For some models, when the power head is lifted and the safety switch located in the handles is activated, the unit will automatically shut off for your safety. To reactivate the unit, put back the power head properly in position, and turn the cook time dial back to "OFF" first, then set it to the remaining cook time. Cooking will resume.

## CLEANING AND CARE INSTRUCTIONS



### General Instructions:

Unplug the unit before cleaning.

Dome and all other parts, other than the power head are dishwasher safe. Protect the metal and plastic surfaces; do not use abrasive cleaners or scouring pads. Clean after each use.

The outer surface of the power head can be cleaned by wiping it with a damp cloth.

## IMPORTANT TIPS:

1. Check the power outlet for proper operation. Do not operate the unit with other major appliances in the same power outlet. Check power level if the unit cooks too slowly.
2. Check to see if electrical plug is properly plugged into the outlet.
3. Always turn off and unplug the unit before washing.
4. Moisture may build up inside the dome when cooked food is not removed soon after cook time has expired. The steam/moisture build up can be avoided by doing the following:
  - Remove food soon after it is done cooking.
  - If it is desirable to keep the food warm until served, reset cooking time at low power (1 or 2).

## THE NU-WAVE OVEN INFRARED COOKING SYSTEM

[www.nuwaveoven.com](http://www.nuwaveoven.com) [www.nuwaveoven.net](http://www.nuwaveoven.net)

To obtain warranty service, contact the service department at this toll free number: 1-888-NUWAVE1 (689-2831) or

Hearthware Home Products, Inc.  
880 Lakeside Dr., Gurnee, IL 60031, U.S.A.

[www.hearthware.com](http://www.hearthware.com)

**THE MANUFACTURER WARRANTS** - The infrared cooking system including power head, dome, cooking rack, liner pan, base, and all electrical components to be free from defects and workmanship under normal household use, when operated in accordance with the Manufacturer's written instructions provided with each unit for **one (1)** year from date of purchase. The Manufacturer will provide the necessary parts and labor to repair any part of the infrared cooking system at Hearthware Home Products Service Department. After the expiration of the warranty, the cost of the labor and parts will be the responsibility of the owner.

**THE WARRANTY DOES NOT COVER** - The non-stick coating (if applicable) on any part of the cooking system. The Limited Warranty is voided if repairs are made by an unauthorized dealer or the serial number data plate is removed or defaced. Normal deterioration of finish due to use or exposure is not covered by this Warranty. This Limited Warranty does not cover failure, damages or inadequate performance due to accident, acts of God (such as lightning), fluctuations in electric power, alterations, abuse, misuse, misapplications, corrosive type atmospheres, improper installation, failure to operate in accordance with the Manufacturer's written instructions, abnormal use or commercial use.

**TO OBTAIN SERVICE** - The owner shall have the obligation and responsibility to: Pay for all services and parts not covered by the warranty; Prepay the freight to and from Service Department for any part or system returned under this warranty; Carefully package the product using adequate padding material to prevent damage in transit. The original container is ideal for this purpose. Include in the package owner's name, address, daytime telephone number, a detailed description of the problem, and your "**RGA number**." (Call 1-888-NUWAVE1(689-2831) or e-mail [customerservice@nuwaveoven.net](mailto:customerservice@nuwaveoven.net) to obtain the RGA(Return Goods Authorization) number.)

Provide the cooking system **model & serial number** and **proof of date of purchase** (a copy of the receipt) when making claims under this warranty.

**MANUFACTURER'S OBLIGATION** - The Manufacturer's obligation under this Limited Warranty is limited to repairing or replacing any part of the infrared cooking system expressly covered by this Limited Warranty which upon examination is found to be defective under normal use. The Limited Warranty is applicable only within the continental United States and only to the original purchaser of manufacturer's authorized channels of distribution.

THE LIMITED WARRANTY IS NOT ALTERED, VARIED OR EXTENDED EXCEPT BY A WRITTEN INSTRUMENT EXECUTED BY THE MANUFACTURER. THE REMEDY OF REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS LIMITED WARRANTY IS EXCLUSIVE. IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES TO ANY PERSON, WHETHER OR NOT OCCASIONED BY NEGLIGENCE OF THE MANUFACTURER, INCLUDING WITHOUT LIMITATION, DAMAGES FOR LOSS OF USE, COSTS OF SUBSTITUTION, PROPERTY DAMAGE, OR OTHER MONEY LOSS.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation exclusions may not apply. This Limited Warranty gives specific legal rights, and there may also be other rights which vary from state to state.

EXCEPT AS OTHERWISE EXPRESSLY PROVIDED ABOVE, THE MANUFACTURER MAKES NO WARRANTIES EXPRESSED OR IMPLIED ARISING BY LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE TO ANY OTHER PERSON.

**READ YOUR OWNER'S MANUAL.** IF YOU STILL HAVE ANY QUESTIONS ABOUT OPERATION OR WARRANTY OF THE PRODUCT, PLEASE CONTACT HEARTHWARE HOME PRODUCTS, INC.

At : 1-888-NUWAVE1(689-2831), email: [customerservice@nuwaveoven.net](mailto:customerservice@nuwaveoven.net)

## Notes :